Special Issue

Engineering Hydrogel for Biomedical Applications

Message from the Guest Editors

The special issue on “Engineering Hydrogel for Biomedical Applications” is dedicated to the recent development of hydrogel chemistries and properties for biomedical applications including tissue engineering, drug delivery and cell encapsulation. More than that, the advanced techniques used for hydrogel preparation will be also encouraged to discuss, such as 3D bioprinting and electrospinning to prepare structured hydrogels or techniques to fabricate microgels for drug/cell encapsulation. Given it is too challenging to include all aspects of hydrogels in one issue, this special issue will focus on the engineering hydrogel chemistries and structures for biomedical applications. We look forward to the submission of new results in hydrogel research. The submission of studies relating to hydrogels for tissue engineering, cell encapsulation, drug delivery and wound healing is appreciated.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Gels (ISSN 2310-2861) is recently established international, open access journal on physical and chemical gel-based materials. The journal aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. General topics include but not limited to synthesis, characterization and applications of new organogels, hydrogels and ionic gels made either from low molecular weight compounds or polymers, composite and hybrid materials where a metal is by some means incorporated into the gel network, and computational studies of these materials in order to provide a better understanding of gelation mechanism. We cordially invite you to consider publishing with us and contribute with your own grain of sand to the advance in this fascinating field.

Editor-in-Chief

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